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Emma Kbh	(Depositor's name)
	(Signature)
May 9, 2005	(Date)

8001	6.00 DA			
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/615,159	07/07/2003	CorTolan I. Frum	7352	8238

TITLE OF INVENTION: INTERFEROMETRIC ENDPOINT DETECTION IN A SUBSTRATE ETCHING PROCESS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	5300	\$1700	05/09/2005
EXAMINER		ART UNIT	CLASS-SUBCLASS		
GOLDREAU, GEORGE A.		1763	438-710000		

1. Change of correspondence address or indication of "Free Address" (37 CFR 1.363).
- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/1122) attached.
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2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Janah & Associates
2. Joseph. Bach
3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE
APPLIED MATERIALS, INC.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)
SANTA CLARA, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

- 4a. The following fee(s) are enclosed:

- ☒ Issue Fee
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- ☐ A check in the amount of the fee(s) is enclosed.
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- ☒ The Director is hereby authorized by check the required fee(s), or credit any overpayment, to Deposit Account Number 50-1074 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims **SMALL ENTITY** status. See 37 CFR 1.27.

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date May 9, 2005

Typed or printed name

Registration No. 25,436

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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APPLIED MATERIALS



Applied Materials, Inc.

Patent Department,

P. O. Box 450A, Santa Clara, CA 95052

FAXDate: **May 9, 2005**Number of pages including cover sheet: **2**

To:
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REMARKS:

☐ Urgent☐ For your review☐ Reply ASAP☐ Please comment

In Application of : Coriolan I. Frum et al

Serial No.: 10/615,159

Confirmation No: 8238

Filed: 07/07/2003

Title: INTERFEROMETRIC ENDPOINT DETECTION IN A SUBSTRATE ETCHING
PROCESS

Form PART B – FEE(S) TRANSMITTAL with instructions to pay the issue fee for above referenced patent application is submitted via fax to the USPTO, Mail Stop : ISSUE FEES on this day, May 9, 2005. Please charge our deposit account 50-1074.